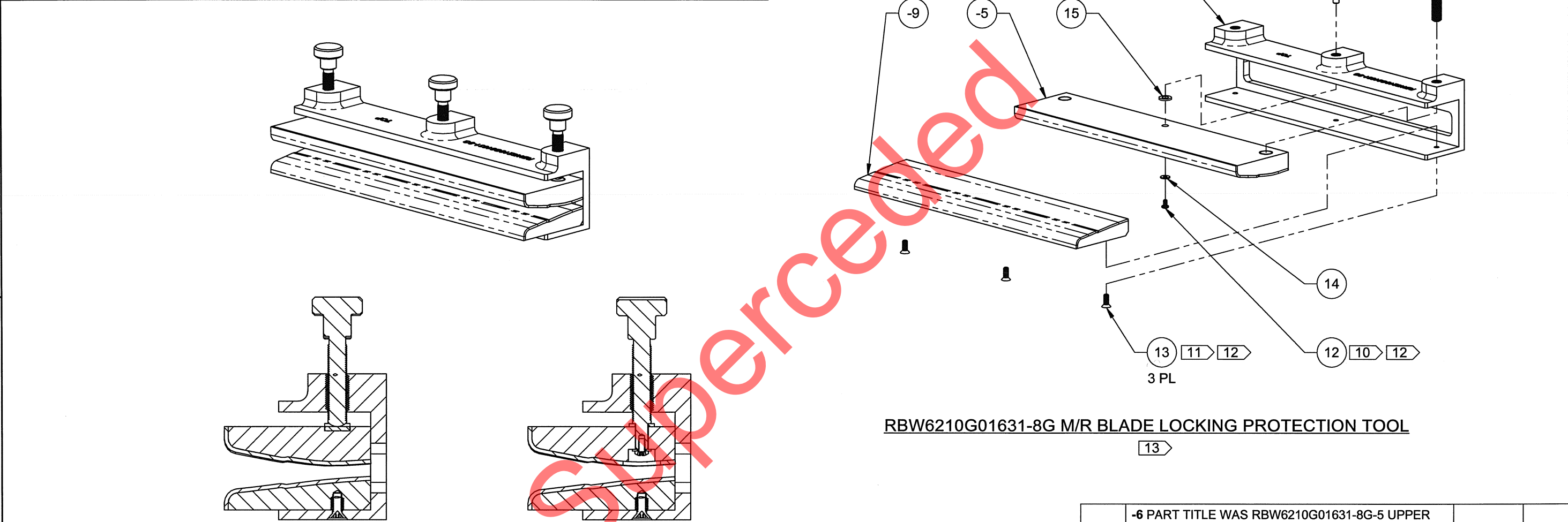


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6210G01631-8G-1	PUSH SCREW
-2	2	RBW6210G01631-8G-2	LOCKING SCREW
-3	1	RBW6210G01631-8G-3	SUPPORT ASSY
-5	1	RBW6210G01631-8G-5	UPPER PLATE ASSY
-9	1	RBW6210G01631-8G-9	LOWER PLATE ASSY
12	1	McMaster#91400A170 OR EQUIV.	SS PHILLIPS ROUNDED HEAD SCREW #6-40 X 1/4" LG.
13	3	McMaster#91771A829 OR EQUIV.	SS PHILLIPS FLAT HEAD SCREW #10-32 X 1/2" LG.
14	1	McMaster#98017A615 OR EQUIV.	SS WASHER 0.149" ID. X 0.375" OD. X 0.032" THK.
15	1	NAS1149-C0463R	SS WASHER 0.265" ID. X 0.5" OD. X 0.063" THK.



RBW6210G01631-8G M/R BLADE LOCKING PROTECTION TOOL

- NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A  
8) ASSEMBLE AS SHOWN  
9) APPLY LOCTITE NICKEL BASED ANTI SEIZE ON THREADS OF ITEM -1 AND ITEM -2 THEN ASSEMBLE WITH ITEM -3  
10) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 12 THEN ASSEMBLE WITH ITEM -1 AND REMOVE EXCESS  
11) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 13 THEN ASSEMBLE WITH ITEM -9 AND REMOVE EXCESS  
12) INSTALL ITEMS 12 AND 13 HANDTIGHT  
13) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

B	-6 PART TITLE WAS RBW6210G01631-8G-5 UPPER PLATE IS RBW6210G01631-8G-6 UPPER PLATE. HOLE DIM WAS $\varnothing 0.5550/0.5545$ 2 PL IS $\varnothing 0.516$ 2 PL		19-521	KPT
	-8 DIM WAS $\varnothing 0.5555/0.5550$ IS $\varnothing 0.50$			
	-9 ITEM 17 PART# WAS McMaster#91723A231 OR EQUIV. IS McMaster#91732A231 OR EQUIV.			
A	NEW ISSUE		18-655	KPT
REV.	DESCRIPTION		ECN #	BY
DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DRAWN	KPT			
CHECKED	VM	TOOL PART #	REV. B	
MFG. APPR.	DP	RBW6210G01631-8G	SHEET 1 OF 12	
APPROVED	WY	TITLE	SCALE	
DATE 1/18/2019		M/R BLADE LOCKING PROTECTION TOOL	NTS	
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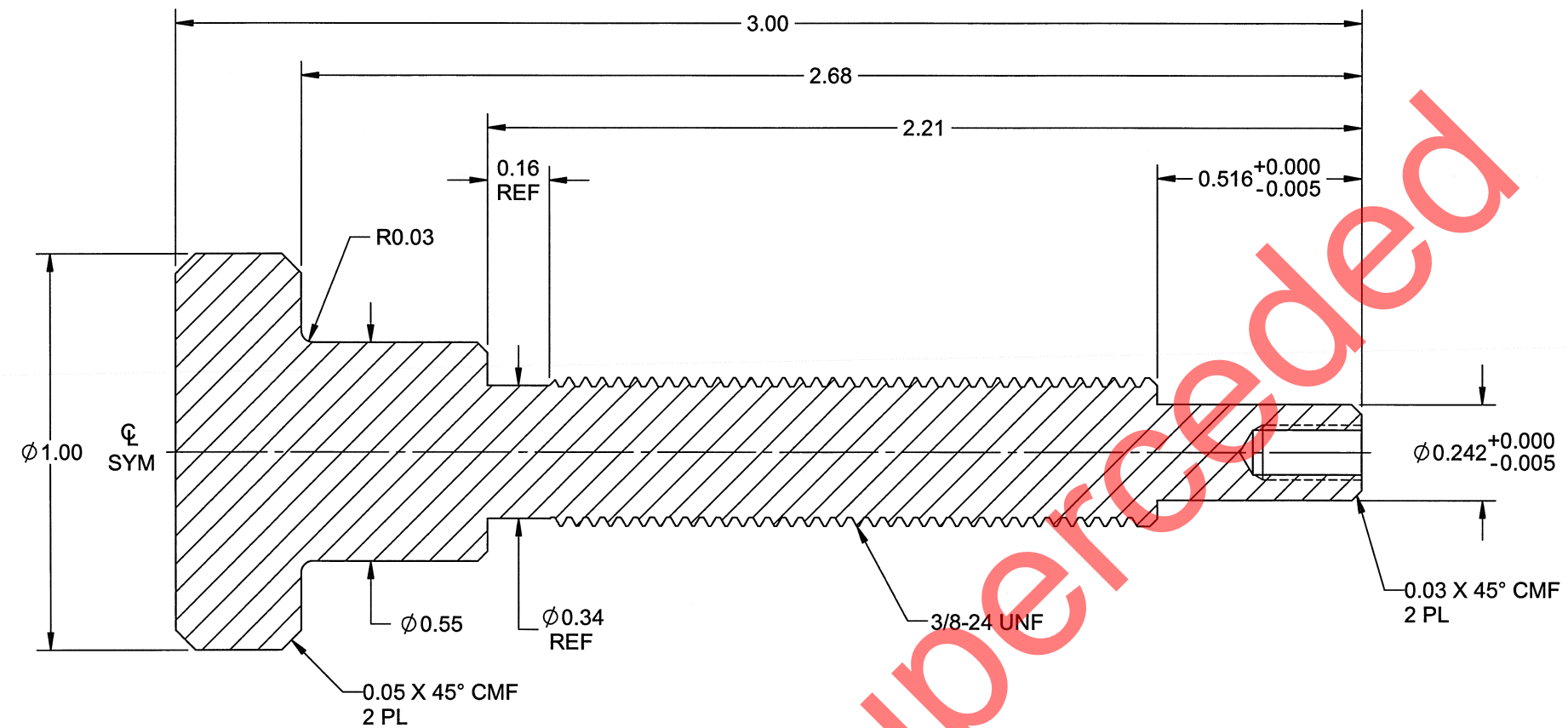
8 7 6 5 4 3 2 1

D

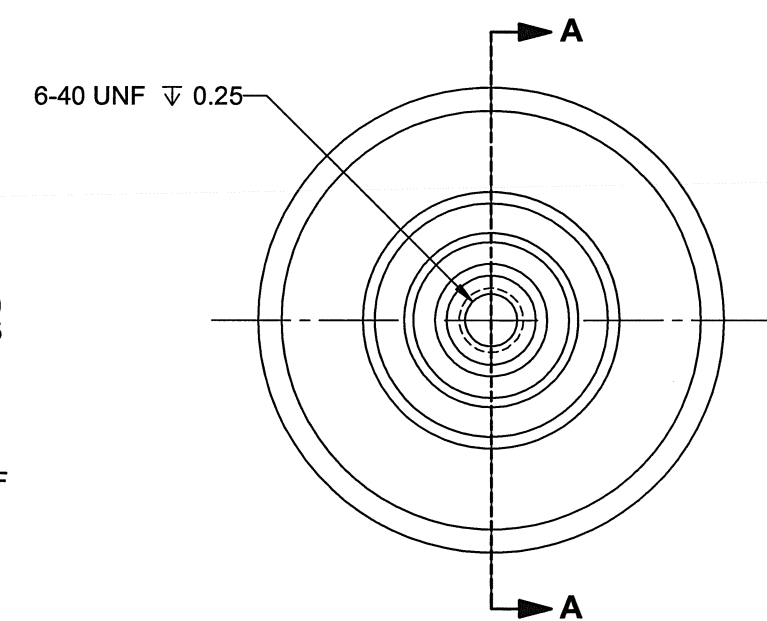
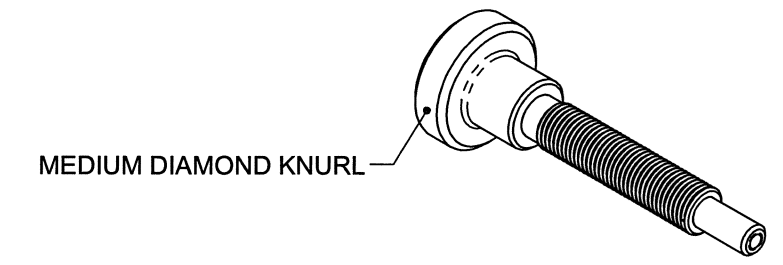
C

B

A



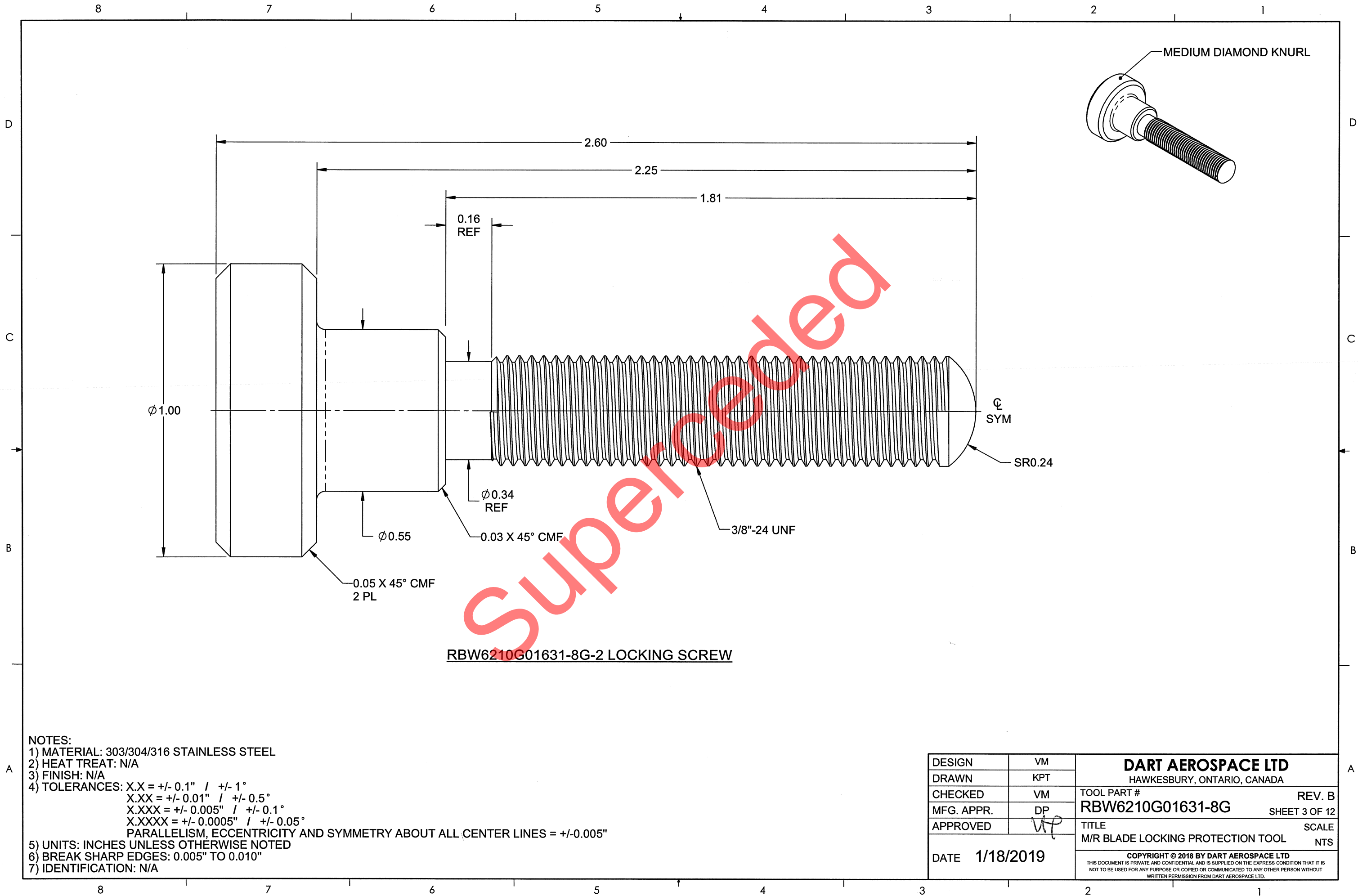
SECTION A-A



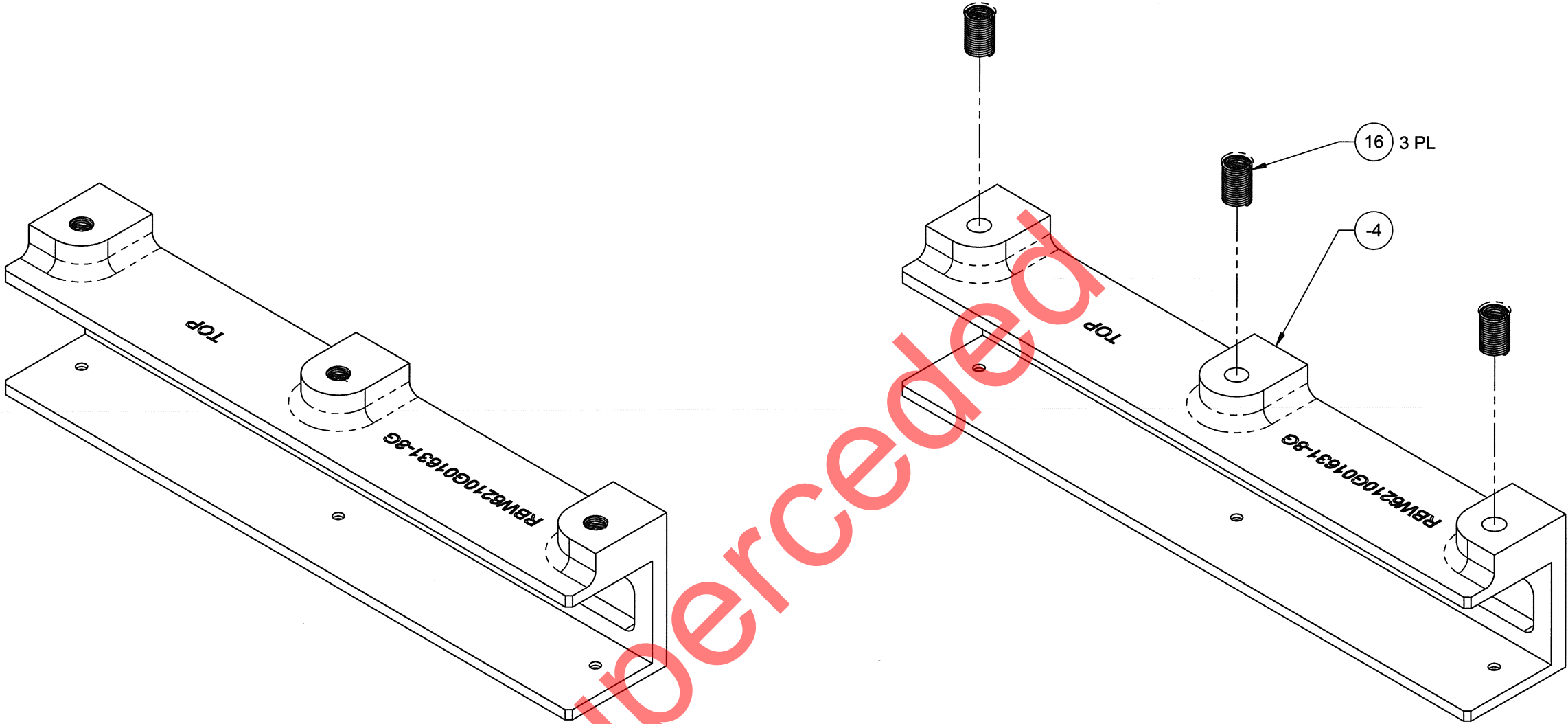
RBW6210G01631-8G-1 PUSH SCREW

- NOTES:
- 1) MATERIAL: 303/304/316 STAINLESS STEEL
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
  - 7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. B
MFG. APPR.	DP	RBW6210G01631-8G	SHEET 2 OF 12
APPROVED		TITLE	SCALE
DATE 1/18/2019		M/R BLADE LOCKING PROTECTION TOOL	NTS
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ITEM #	QTY	PART #	PART TITLE
-4	1	RBW6210G01631-8G-4	SUPPORT
16	3	McMaster#91732A749 OR EQUIV.	SS HELICAL INSERT 3/8"-24 X 3/4" LG.

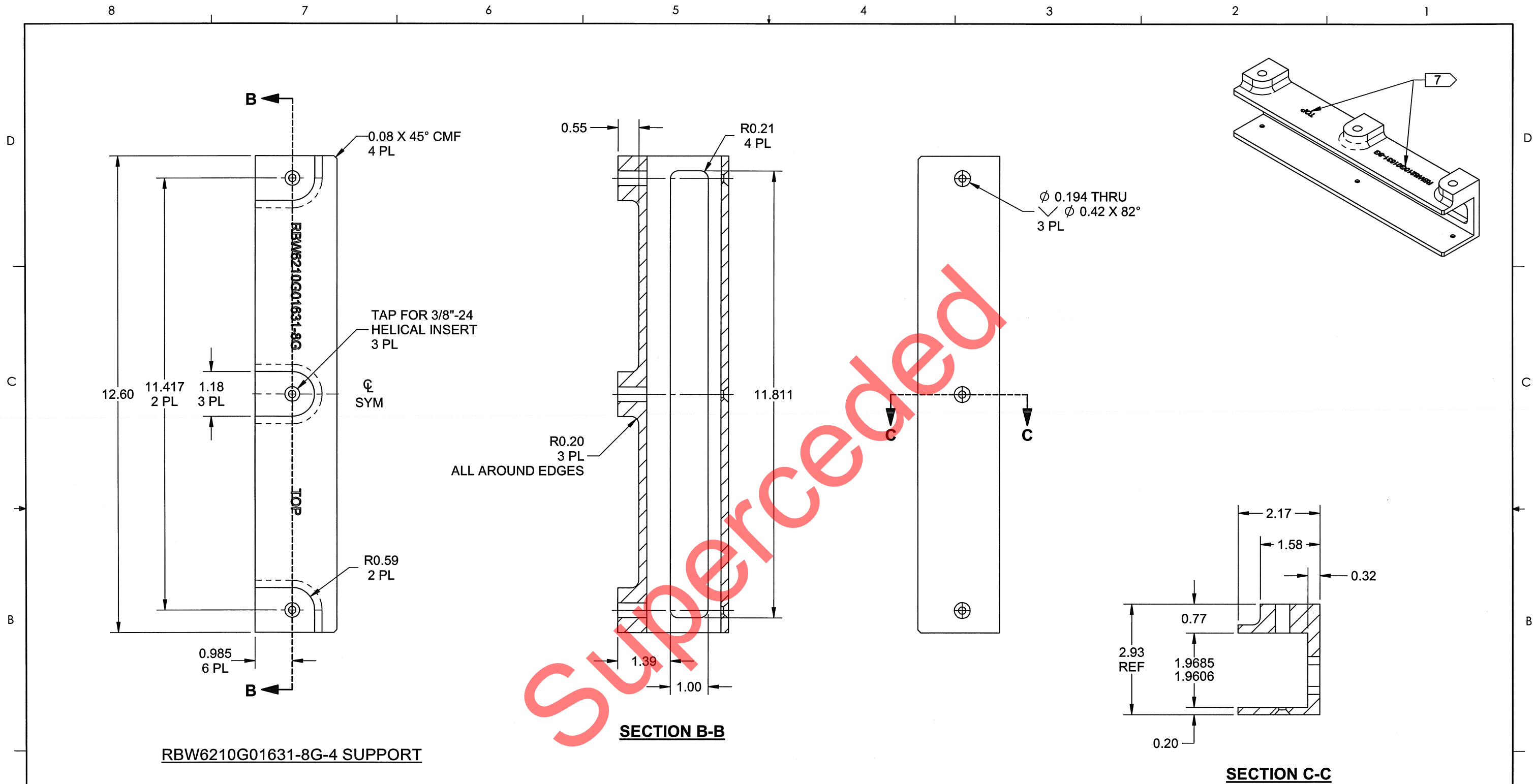


RBW6210G01631-8G-3 SUPPORT ASSY

NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. B
MFG. APPR.	DP	RBW6210G01631-8G	SHEET 4 OF 12
APPROVED	VP	TITLE	SCALE
DATE 1/18/2019		M/R BLADE LOCKING PROTECTION TOOL	NTS
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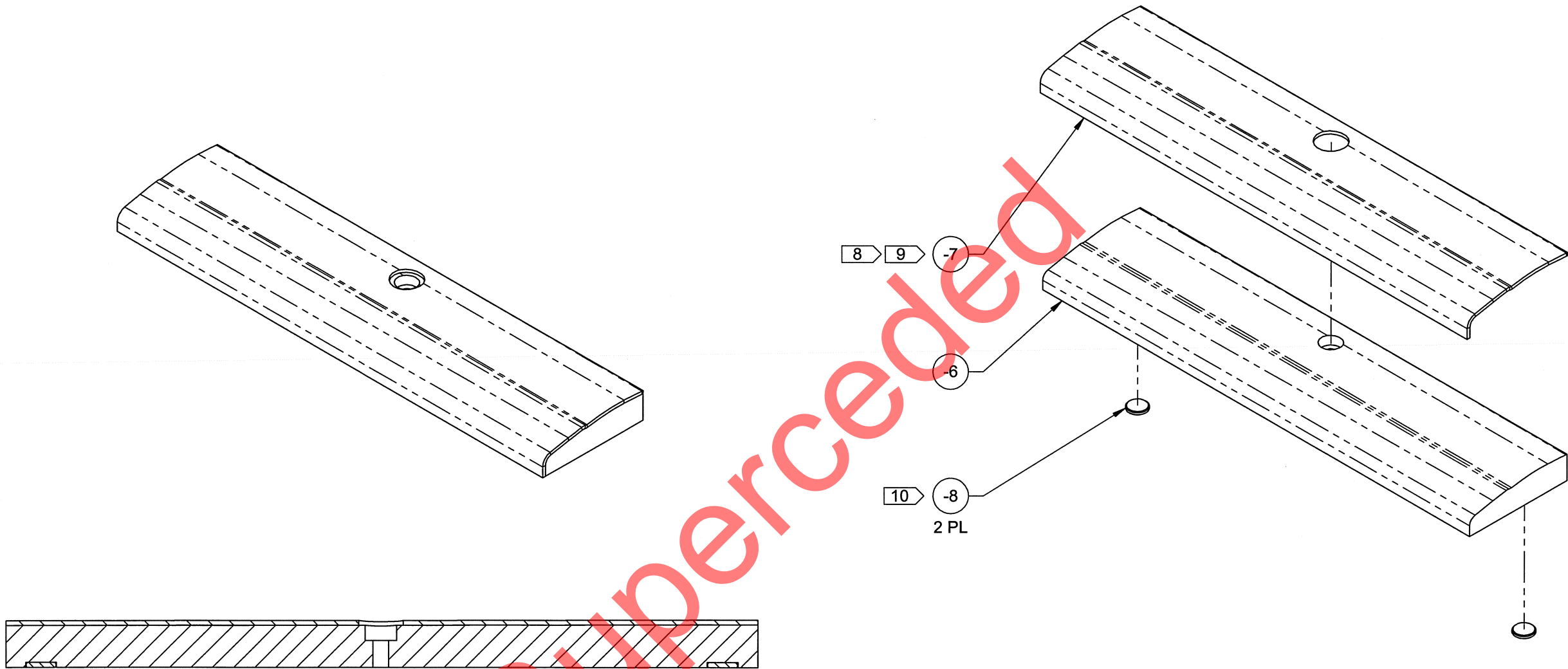




- NOTES:
- 1) MATERIAL: 6061-T6 / 7075-T6
  - 2) HEAT TREAT: N/A
  - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
  - 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. B
MFG. APPR.	DP	<b>RBW6210G01631-8G</b>	SHEET 5 OF 12
APPROVED	VP	TITLE	SCALE
DATE 1/18/2019		M/R BLADE LOCKING PROTECTION TOOL	NTS
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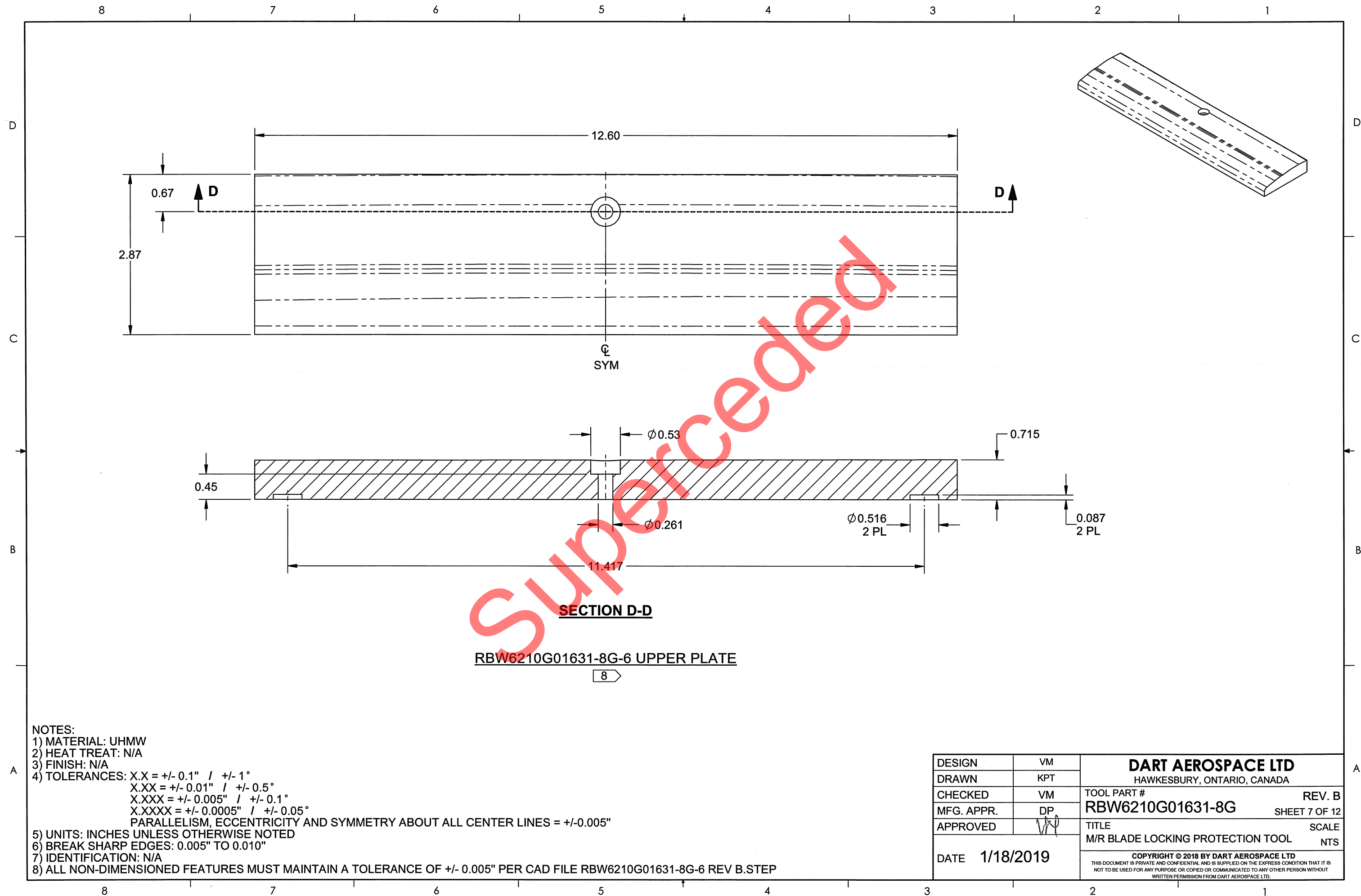
ITEM #	QTY	PART NUMBER	PART TITLE
-6	1	RBW6210G01631-8G-6	UPPER PLATE
-7	1	RBW6210G01631-8G-7	UPPER PLATE PROTECTION
-8	2	RBW6210G01631-8G-8	REACTION

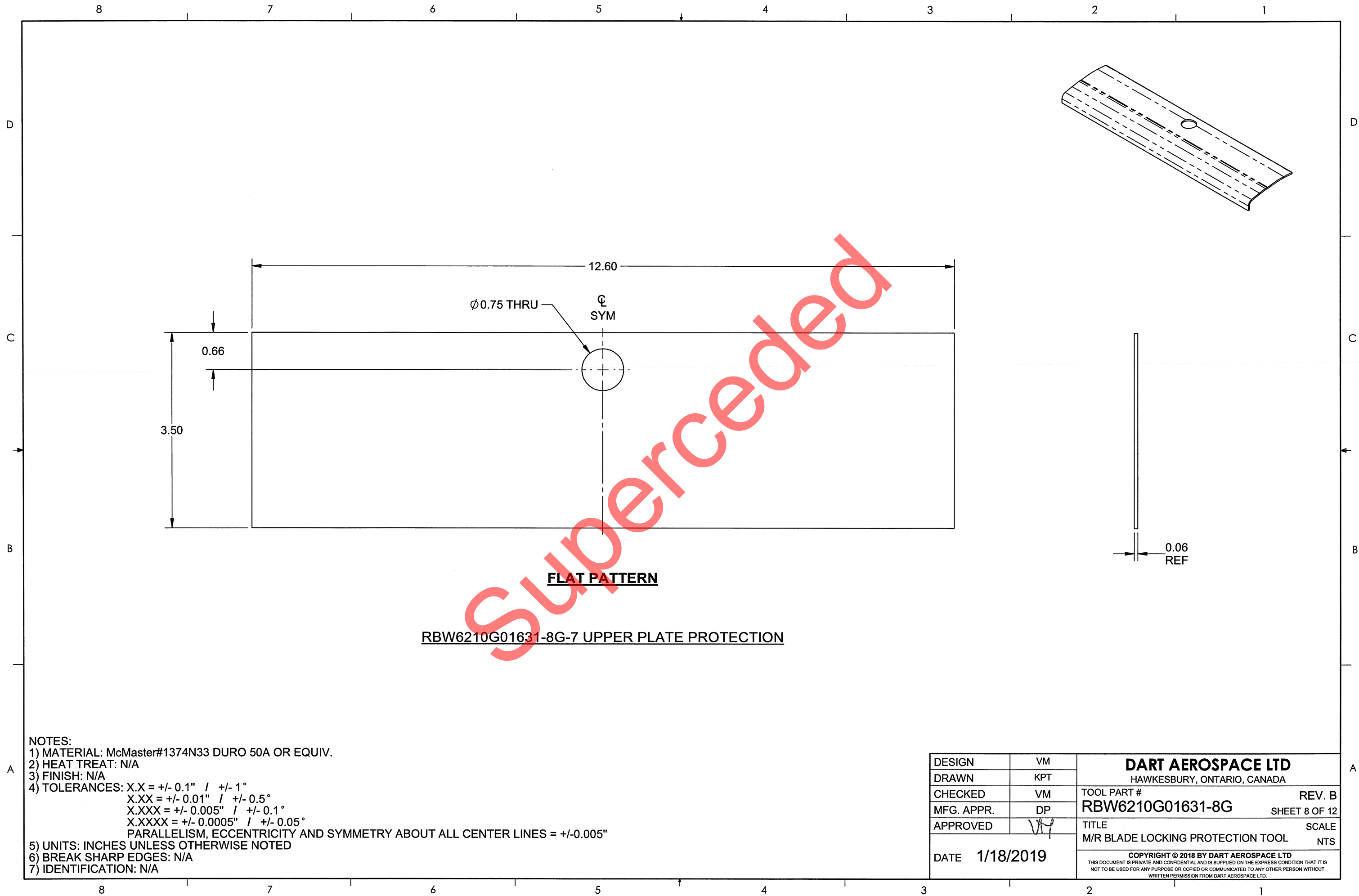


RBW6210G01631-8G-5 UPPER PLATE ASSY

- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: N/A
  - 7) IDENTIFICATION: N/A
  - 8) ASSEMBLE ITEM -7 ADHESIVE SIDE ON ITEM -6 AS SHOWN AND CUT EXCESS IF NECESSARY
  - 9) APPLY LOCTITE 495 BETWEEN THE SURFACES OF ITEM -7 AND ITEM -6 IF NECESSARY, AND REMOVE EXCESS
  - 10) APPLY LOCTITE 495 BETWEEN THE SURFACES OF ITEM -8 AND ITEM -6, AND REMOVE EXCESS

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. B
MFG. APPR.	DP	<b>RBW6210G01631-8G</b>	SHEET 6 OF 12
APPROVED	VP	TITLE	SCALE
DATE 1/18/2019		M/R BLADE LOCKING PROTECTION TOOL	NTS
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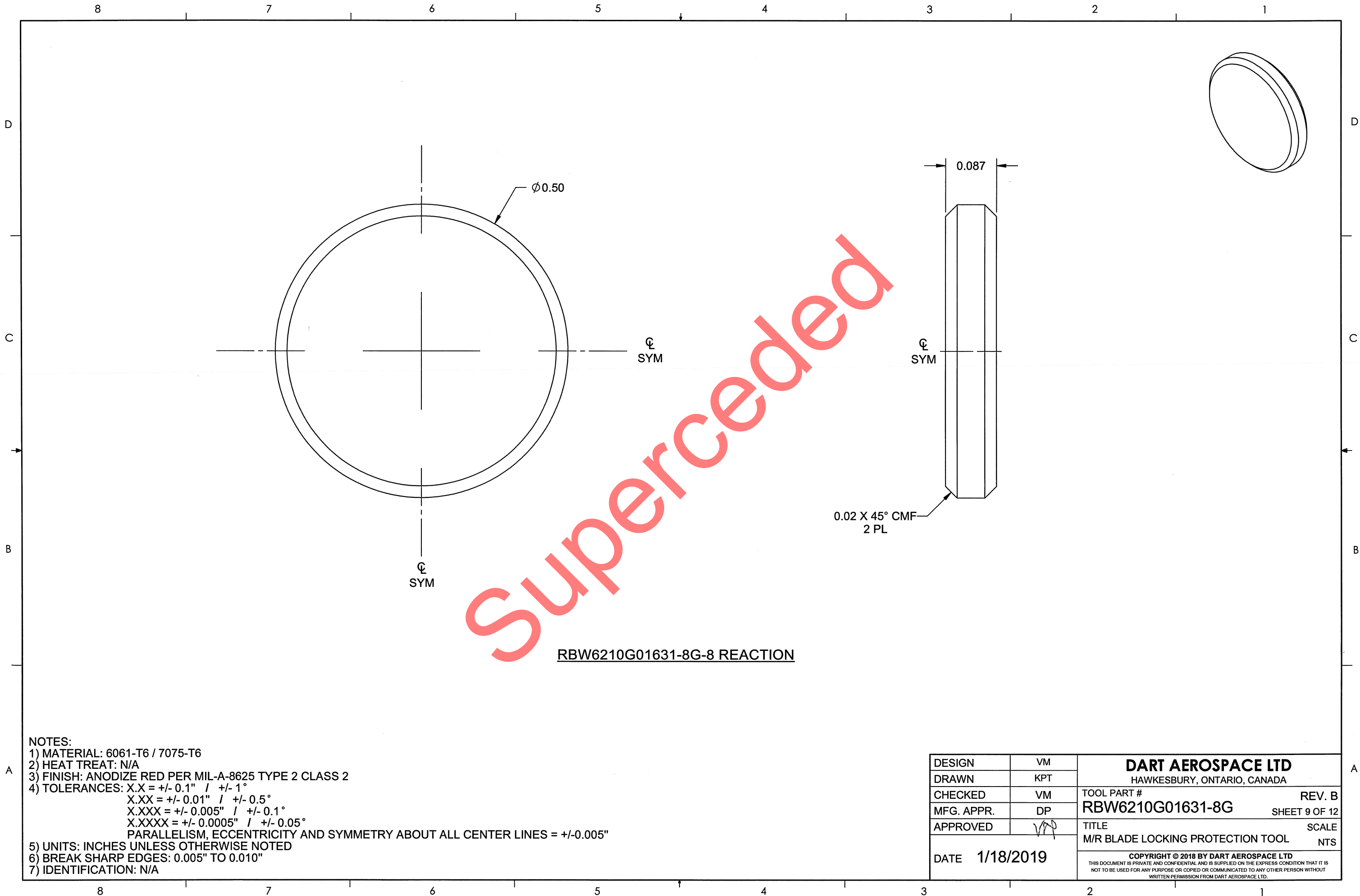




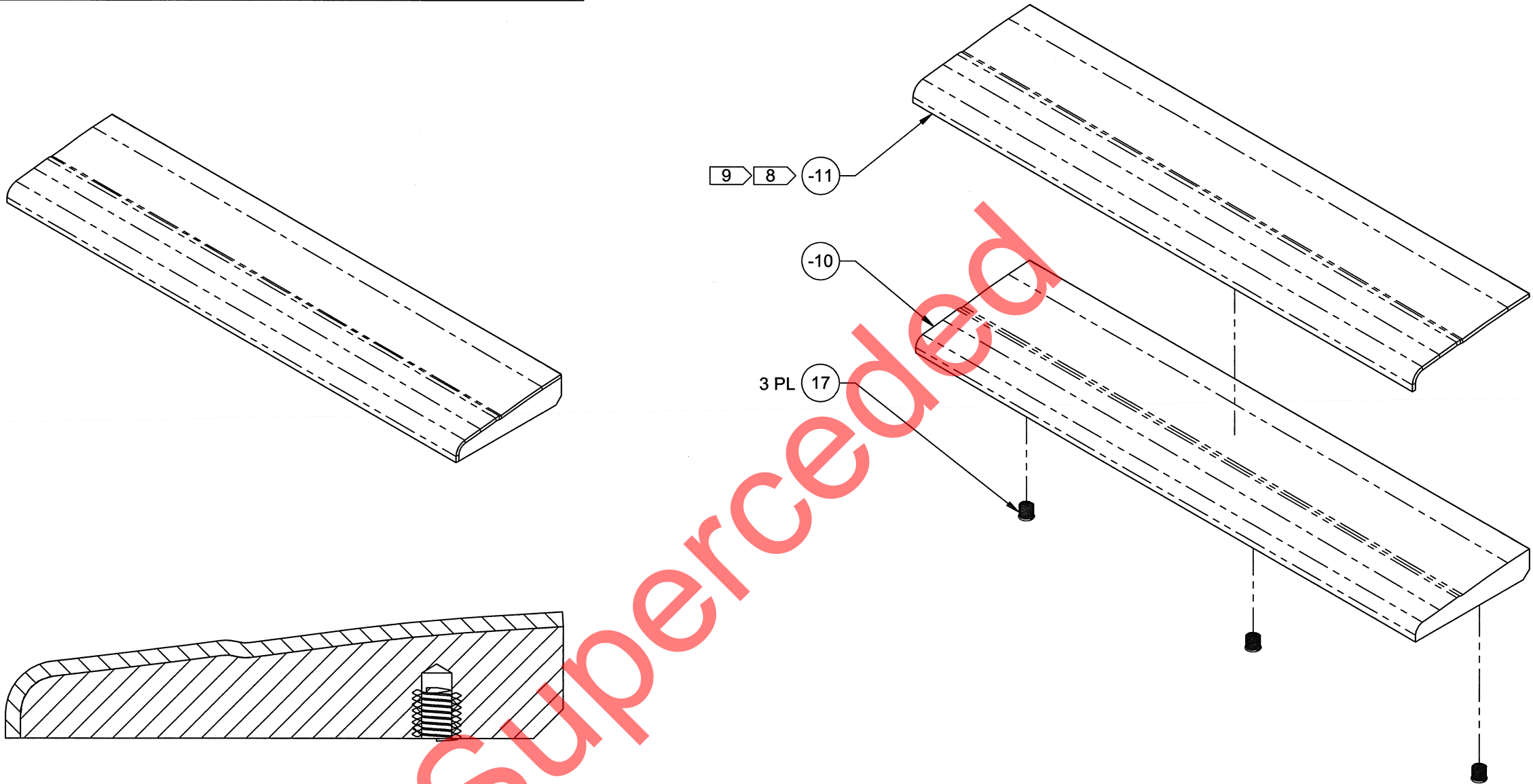
NOTES:  
1) MATERIAL: McMaster#1374N33 DURO 50A OR EQUIV.  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
                  X.XX = +/- 0.01" / +/- 0.5°  
                  X.XXX = +/- 0.005" / +/- 0.1°  
                  X.XXXX = +/- 0.0005" / +/- 0.05°  
                  PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. B
MFG. APPR.	DP	<b>RBW6210G01631-8G</b>	SHEET 8 OF 12
APPROVED	VP	TITLE	SCALE
DATE 1/18/2019		M/R BLADE LOCKING PROTECTION TOOL	NTS
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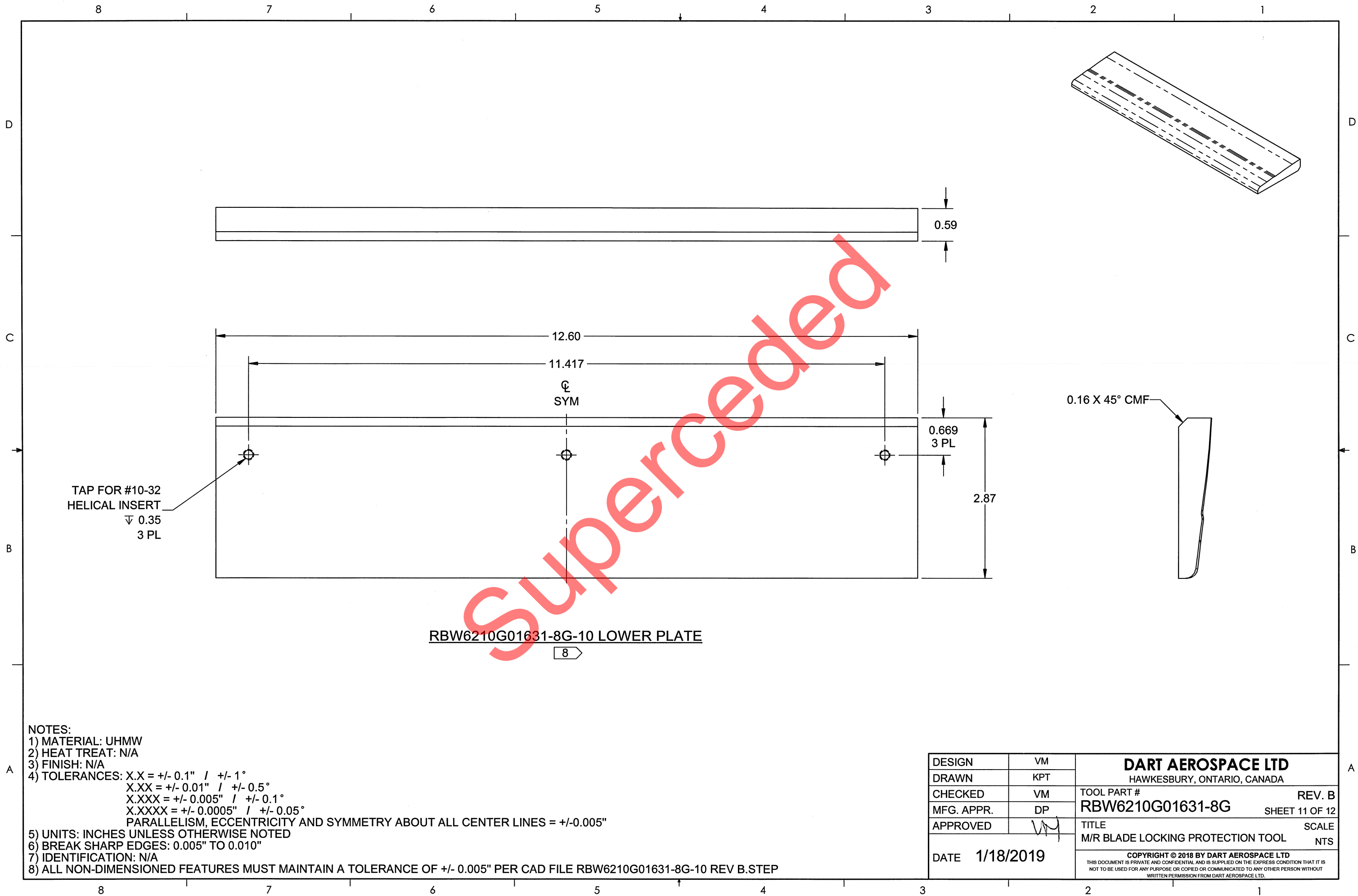
ITEM #	QTY	Part #	PART TITLE
-10	1	RBW6210G01631-8G-10	LOWER PLATE
-11	1	RBW6210G01631-8G-11	LOWER PLATE PROTECTION
17	3	McMaster#91732A231 OR EQUIV.	SS HELICAL INSERT #10-32 X 0.285" LG.

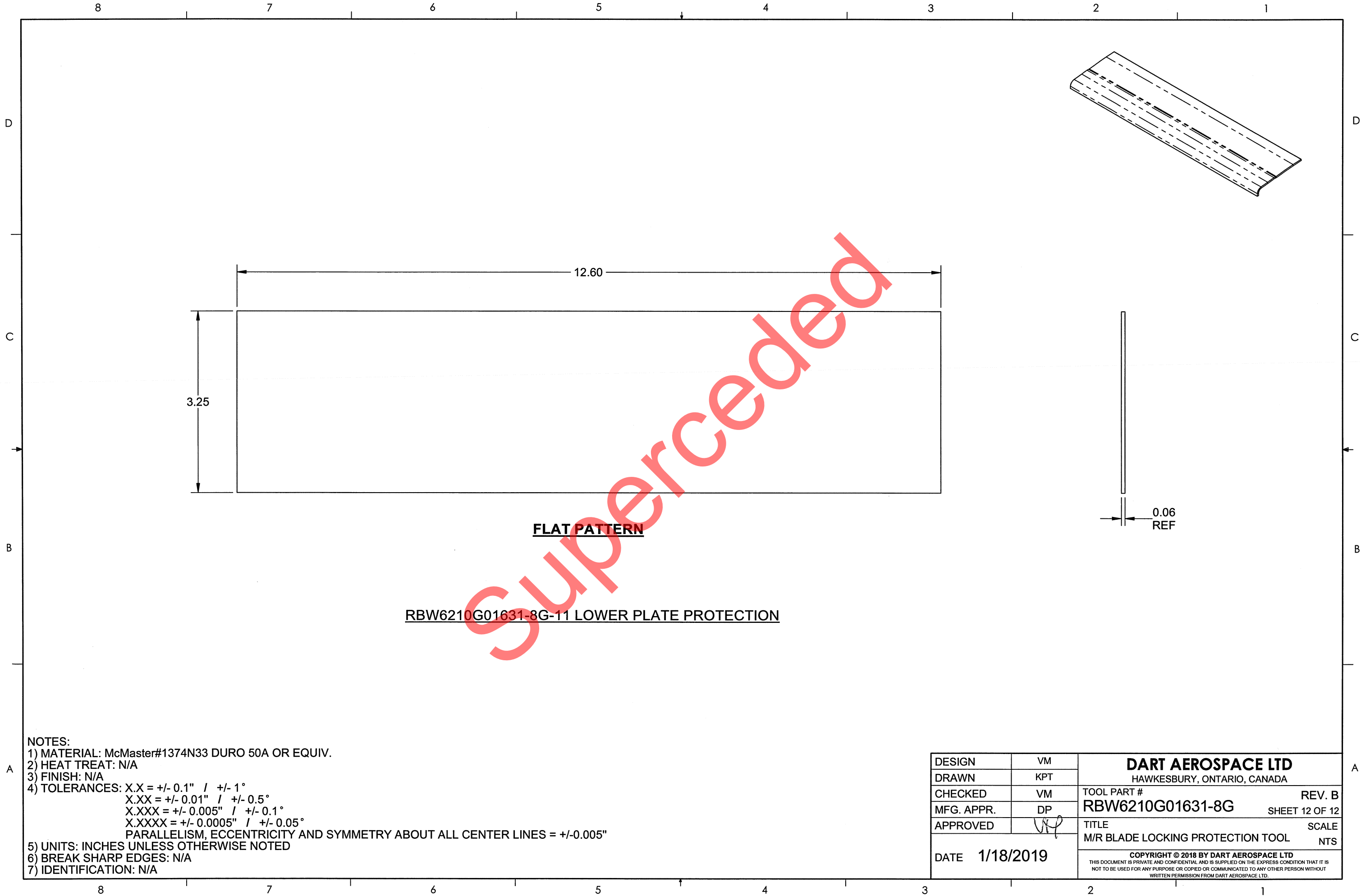


RBW6210G01631-8G-9 LOWER PLATE ASSY

- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) BREAK SHARP EDGES: N/A
  - 7) IDENTIFICATION: N/A
  - 8) ASSEMBLE ITEM -11 ADHESIVE SIDE ON ITEM -10 AS SHOWN AND CUT EXCESS IF NECESSARY
  - 9) APPLY LOCTITE 495 BETWEEN THE SURFACES OF ITEM -11 AND ITEM -10 IF NECESSARY, AND REMOVE EXCESS

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. B
MFG. APPR.	DP	RBW6210G01631-8G	SHEET 10 OF 12
APPROVED	VP	TITLE	SCALE
DATE 1/18/2019		M/R BLADE LOCKING PROTECTION TOOL	NTS
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NOTES:  
1) MATERIAL: McMaster#1374N33 DURO 50A OR EQUIV.  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) BREAK SHARP EDGES: N/A  
7) IDENTIFICATION: N/A

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	VM	TOOL PART #	REV. B
MFG. APPR.	DP	<b>RBW6210G01631-8G</b>	SHEET 12 OF 12
APPROVED	VP	TITLE	SCALE
DATE 1/18/2019		M/R BLADE LOCKING PROTECTION TOOL	NTS
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